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YOSHIYUKI YOKOTA ET AL

US Patent 3,922,071, 1979 - Google Patents

... thin layer of yttrium tungstate thus formed will not give any substantial effect upon the emission mechanism of the phosphor until a certain thickness is ...

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ICHTHIONI Yttrium-Tungsten Oxides

HJ Borchardt - Inorganic Chemistry, 1963 - American Chemical Society

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TERBIIUM ACTIVATED YTTRIUM SILICATE

US Patent 3,758,413, 1973 - Google Patents

... though europium activated yttrium tungstate is, accord- 45 eral batches of phosphors wherein the ratio of x to y was ing to Borchardt, particularly bright ...

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White-light emission derived from yttrium tungstate-chloride xerogel without activator ions

J Huang, H Luo, X Yu, Y Li, W Zou - Journal of Luminescence, 2007 - Elsevier

... In this paper, possible mechanism is proposed to explain the observed emission of yttrium tungstate chloride phosphor according to the existing models. ...

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Synthesis and luminescent properties of Y₆W₂O₁₅ : Eu³⁺ phosphors

J HUANG, H LUO, P ZHOU, X YU, Y LI - Journal of Luminescence, 2007 - catinist.fr

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Synthesis and luminescent properties of Y₆W₂O₁₅ : Eu³⁺ phosphors

J Huang, H Luo, P Zhou, X Yu, Y Li - Journal of Luminescence, 2007 - Elsevier

... With the above considerations in mind, we have synthesized and examined the luminescent properties of Eu³⁺ -doped yttrium tungstate phosphor. ...

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Phase relationships and their effect on cathodoluminescence in the yttrium oxide-tungsten oxide ...

DS Robertson, PW Smith - Journal of Materials Science, 1981 - Springer

... a further study of the luminescent properties of the compounds in the yttrium-

tungstate phase diagram ... The phosphors were all prepared in the follow- ing manner ...

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Stimulated-Emission Cross Section of Nd³⁺ at 1.06 Micrometer in POCl₃, YAG, CaWO₄, ED-2 Glass and ...

M Birnbaum, JA Gebwachs - 1972 - stinet.dtic.mil

... Descriptors : ("LASERS, NEODYMIUM), ("INFRARED LASERS, OPTICAL MATERIALS), PHOSPHORUS COMPOUNDS, OXYCHLORIDES, YTTRIUM COMPOUNDS, ALUMINATES, GARNET, CALCIUM ...

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O Beaurie, M Faucher, GT de Saget - Structural Crystallography and Crystal Chemistry - dx.doi.org

... 1170 THE STRUCTURE OF YTTRIUM TUNGSTATE ϵ -Y₂WO₆. ... Eu substituted for Y(3) since rare-earth atoms substituted in CN7 sites are rather efficient phosphors (eg Y202S ...

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Nd³⁺掺杂的氧化镝钇透明激光陶瓷的光谱性能研究

丁君, 杨秋红, 蔡在峰, 徐军, 苏良碧 - 物理学报, 2006 - 万方数据资源系统

... 掺钕钨酸钇晶体的缺陷DEFECTS IN SODIUM YTTRIUM TUNGSTATE SINGLE CRYSTAL DOPED ...

Eu²⁺, Dy³⁺ Long Phosphorescent Phosphor [中国稀土学报Journal of ...

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Journal of the Brazilian Chemical Society - Photoluminescence ...

Since the first **europium tungstate** was prepared from Eu₂O₃ and tungstic acid new efficient emission from the Sm³⁺ and Tb³⁺- doped tungstate **phosphors**, ... www.scielo.br/scielo.php?script=sci_arttext&pid=S0103-50532004000600016&lng=pt&nrm=iso&tlng=pt - 57k - Cached - Similar pages

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